



July 2009

**DEPARTMENT OF EDUCATION**  
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at [www.maine.gov/education/mea/index.htm](http://www.maine.gov/education/mea/index.htm).

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron  
Commissioner of Education



## School Report Grade 8

Test Date: March 2009  
Code: 10271857  
SAU: Bucksport School Department  
School: Bucksport Middle School

### Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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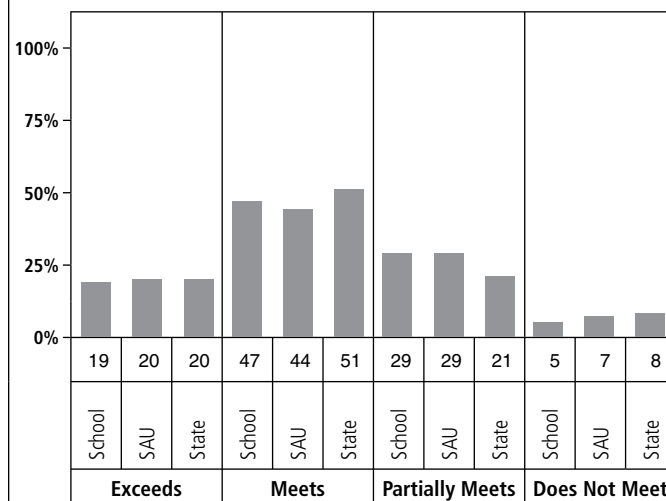
# SUMMARY OF SCORES

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

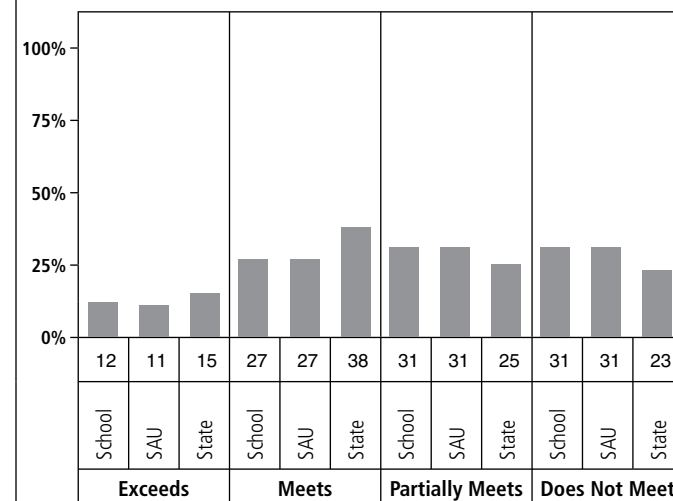
## Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
<b>ELA – Reading</b>			
2006–2007	844	844	847
2007–2008	851	850	849
<b>2008–2009</b>	<b>849</b>	<b>850</b>	<b>850</b>
Cum. Avg.*	848	848	849
<b>Mathematics</b>			
2006–2007	832	832	842
2007–2008	839	839	841
<b>2008–2009</b>	<b>838</b>	<b>839</b>	<b>843</b>
Cum. Avg.*	836	837	842
<b>Science</b>			
<b>2008–2009 **</b>	<b>844</b>	<b>844</b>	<b>846</b>

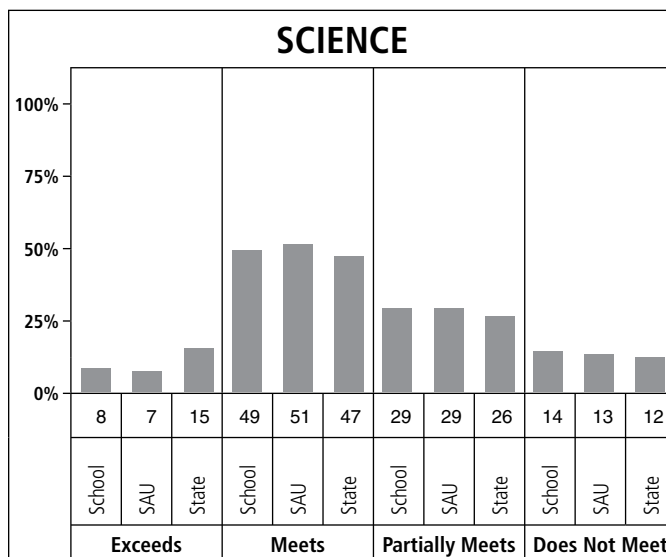
### ELA – READING



### MATHEMATICS



### SCIENCE



\*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

\*\* Because science standards were reset in May 2009, no historical data are available

# SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009  
 Grade: 8  
 SAU: Bucksport School Department  
 School: Bucksport Middle School

CATEGORY OF PARTICIPATION	Enrollment <sup>1</sup> during testing window						CONTENT AREA PARTICIPATION <sup>2</sup>																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
							School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Total number of students</b>	61	100	47	100	14804	100	59	98	45	98	14659	99	59	98	45	98	14653	99	59	98	45	98	14626	99
<b>Ethnicity</b> African American/Black	0	0	0	0	377	3	0	0	0	0	366	97	0	0	0	0	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	1	2	1	2	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	0	0	0	0	192	1	0	0	0	0	188	98	0	0	0	0	191	100	0	0	0	0	190	99
Caucasian/White	60	98	46	98	13878	94	58	98	44	98	13756	99	58	98	44	98	13742	99	58	98	44	98	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Identified disability</b>	15	25	11	23	2489	17	14	100	10	100	2434	99	14	100	10	100	2424	98	14	100	10	100	2418	98
<b>Current LEP</b>	1	2	1	2	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
<b>Economically disadvantaged</b>	23	38	19	40	5460	37	22	100	18	100	5380	99	22	100	18	100	5377	99	22	100	18	100	5359	98
<b>Migrant</b>	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION <sup>3</sup>	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
<b>Participation without accommodations</b>	46	75	35	74	12132	82	46	75	35	74	12124	82	46	75	35	74	12169	82
Identified disability (PET/IEP)	1	2	0	0	379	3	1	2	0	0	380	3	1	2	0	0	425	3
LEP	1	2	1	3	166	1	1	2	1	3	169	1	1	2	1	3	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
<b>Participation with accommodations</b>	13	21	10	21	2349	16	13	21	10	21	2347	16	13	21	10	21	2288	15
Identified disability (PET/IEP)	13	100	10	100	1877	80	13	100	10	100	1862	79	13	100	10	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
<b>Participation through alternate assessment (PAAP)</b>	0	0	0	0	178	1	0	0	0	0	182	1	0	0	0	0	169	1
Identified disability (PET/IEP)	0	0	0	0	178	100	0	0	0	0	182	100	0	0	0	0	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Approved non-participation in reading – 1st year LEP</b>	0	0	0	0	0	0												
<b>Approved non-participation – special consideration</b>	1	2	1	2	32	0	1	2	1	2	34	0	1	2	1	2	38	0
<b>Non-participation – other</b>	1	2	1	2	113	1	1	2	1	2	117	1	1	2	1	2	140	1

<sup>1</sup>Percents are the percentage of students enrolled in each participation category.

<sup>2</sup>Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

<sup>3</sup>Percents are the percentage of students in each content area by mode.

# ELA–READING RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	6	8	6	10	2407	16
	2007-2008	22	27	18	26	3428	23
	<b>2008-2009</b>	<b>11</b>	<b>19</b>	<b>9</b>	<b>20</b>	<b>2857</b>	<b>20</b>
	Cum. Total*	39	18	33	19	8692	19
<b>Meets the Standards</b> – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	39	52	31	51	7494	49
	2007-2008	37	45	28	41	7179	48
	<b>2008-2009</b>	<b>28</b>	<b>47</b>	<b>20</b>	<b>44</b>	<b>7431</b>	<b>51</b>
	Cum. Total*	104	48	79	45	22104	49
<b>Partially Meets the Standards</b> – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	19	25	16	26	3628	24
	2007-2008	15	18	14	21	2706	18
	<b>2008-2009</b>	<b>17</b>	<b>29</b>	<b>13</b>	<b>29</b>	<b>2979</b>	<b>21</b>
	Cum. Total*	51	24	43	25	9313	21
<b>Does Not Meet the Standards</b> – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	11	15	8	13	1810	12
	2007-2008	8	10	8	12	1611	11
	<b>2008-2009</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>1214</b>	<b>8</b>
	Cum. Total*	22	10	19	11	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	35.3	63.0	35.4	63.2	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	12.3	61.5	12.5	62.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	23.0	63.9	22.9	63.6	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.



# ELA-READING RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Bucksport School Department  
 School: Bucksport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	59	11	19	28	47	17	29	3	5	849	45	20	44	29	7	850	14481	20	51	21	8	850
<b>Ethnicity</b>																						
African American/Black	0										0						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	0										0						186	17	48	23	12	847
Caucasian/White	58	11	19	27	47	17	29	3	5	849	44	20	43	30	7	850	13586	20	52	20	8	850
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	14	0	0	2	14	9	64	3	21	835	10	0	10	60	30	834	2256	2	25	40	34	834
No	45	11	24	26	58	8	18	0	0	854	35	26	54	20	0	854	12225	23	56	17	4	853
<b>Current LEP</b>																						
Yes	1										1						324	5	34	36	26	838
No	58	11	19	27	47	17	29	3	5	849	44	20	43	30	7	850	14157	20	52	20	8	850
<b>Economically disadvantaged</b>																						
Yes	22	2	9	8	36	10	45	2	9	843	18	11	33	44	11	843	5277	10	46	29	15	844
No	37	9	24	20	54	7	19	1	3	853	27	26	52	19	4	854	9204	26	54	16	5	853
<b>Migrant</b>																						
Yes	0										0						5	0	40	60	0	841
No	59	11	19	28	47	17	29	3	5	849	45	20	44	29	7	850	14476	20	51	21	8	850
<b>Gender</b>																						
Female	27	7	26	14	52	5	19	1	4	853	22	27	45	23	5	853	7074	25	51	18	6	852
Male	32	4	13	14	44	12	38	2	6	847	23	13	43	35	9	847	7407	14	51	23	11	847
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	16	0	0	8	50	7	44	1	6	844	11	0	45	45	9	843	857	9	43	35	14	843
No	43	11	26	20	47	10	23	2	5	852	34	26	44	24	6	852	13624	20	52	20	8	850
<b>Gifted/talented program</b>																						
Yes	0										0						700	69	30	1	0	867
No	59	11	19	28	47	17	29	3	5	849	45	20	44	29	7	850	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# ELA-READING RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	4	33	6	50	1	8	1	8	854	18	38	38	13	13	852	8	8	39	29	24	841
B. less than one hour	66	7	18	16	41	14	36	2	5	849	67	20	37	37	7	849	51	17	53	22	8	849
C. one to two hours	14	0	0	6	75	2	25	0	0	847	16	0	86	14	0	848	36	24	52	18	5	852
D. more than two hours	0										0						5	29	45	18	9	852
<b>Which of the following best describes how you rate yourself as a student in reading?</b>																						
A. very good	36	7	33	13	62	1	5	0	0	859	36	31	63	6	0	859	31	35	50	11	4	856
B. good	42	4	16	10	40	9	36	2	8	846	44	20	30	40	10	845	47	16	55	21	7	849
C. fair	20	0	0	5	42	6	50	1	8	842	18	0	50	38	13	845	18	5	47	33	15	842
D. poor	2	0	0	0	0	1	100	0	0	836	2	0	0	100	0	836	3	2	39	37	22	839
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?</b>																						
A. The questions on the test match what I have learned in reading class.	19	3	27	5	45	3	27	0	0	852	20	22	44	33	0	851	32	27	54	14	5	853
B. They match some of what I have learned.	58	7	21	16	47	8	24	3	9	850	56	24	44	20	12	851	52	18	53	22	8	850
C. They match just a little of what I have learned.	17	1	10	5	50	4	40	0	0	847	18	13	50	38	0	849	12	11	45	29	15	844
D. There is no match.	7	0	0	2	50	2	50	0	0	846	7	0	33	67	0	843	4	6	34	33	26	838
<b>How difficult was the reading part of this test?</b>																						
A. more difficult than my regular schoolwork	17	2	20	2	20	5	50	1	10	845	18	25	13	50	13	845	15	13	42	28	17	844
B. about the same as my regular schoolwork	73	8	19	22	51	12	28	1	2	850	73	18	52	27	3	851	64	19	53	20	7	850
C. easier than my regular schoolwork	10	1	17	4	67	0	0	1	17	851	9	25	50	0	25	850	22	25	52	16	6	852
<b>How difficult were the reading passages on this test?</b>																						
A. Most of the passages were more difficult than what I normally read.	19	0	0	3	27	7	64	1	9	839	20	0	22	67	11	839	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	52	8	27	14	47	7	23	1	3	852	50	27	50	18	5	853	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	29	3	18	11	65	2	12	1	6	853	30	23	54	15	8	854	40	30	53	13	4	855
<b>How hard did you try on the reading part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	58	7	21	15	45	10	30	1	3	850	58	20	44	32	4	850	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	40	4	17	11	48	6	26	2	9	849	42	22	44	22	11	851	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	2	0	0	1	100	0	0	0	0	858	0						7	12	46	27	15	845
<b>How much time do you spend reading at home each day?</b>																						
A. more than one hour	22	1	8	9	69	2	15	1	8	851	22	10	60	20	10	850	19	26	53	15	6	853
B. 20 minutes to an hour	37	4	18	9	41	8	36	1	5	849	38	18	41	35	6	850	40	25	52	17	6	852
C. less than 20 minutes	10	2	33	2	33	1	17	1	17	851	11	40	40	0	20	854	15	18	51	21	10	849
D. I rarely read at home.	31	4	22	8	44	6	33	0	0	849	29	23	38	38	0	848	26	7	50	30	13	844
<b>How do you feel about the following statement?</b>																						
<b>"My knowledge of reading will be useful to me as an adult."</b>																						
A. strongly agree	37	6	27	10	45	6	27	0	0	854	38	24	47	29	0	853	42	27	51	15	6	853
B. agree	58	5	15	15	44	11	32	3	9	846	58	19	38	31	12	847	50	15	53	23	9	848
C. disagree	5	0	0	3	100	0	0	0	0	855	4	0	100	0	0	856	7	8	46	32	14	843
D. strongly disagree	0										0						2	6	39	35	21	840
<b>Optional school/SAU question</b>																						
A.	67	0	0	0	0	2	100	0	0	834	0											
B.	33	0	0	0	0	0	0	1	100	824	100	0	0	0	100	824						
C.	0										0											
D.	0										0											

E = Exceeds the Standards    M = Meets the Standards    P = Partially Meets the Standards    D = Does Not Meet the Standards  
N = Number

# MATHEMATICS RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	1	1	0	0	1952	13
	2007-2008	3	4	3	4	1657	11
	<b>2008-2009</b>	<b>7</b>	<b>12</b>	<b>5</b>	<b>11</b>	<b>2116</b>	<b>15</b>
	Cum. Total*	11	5	8	5	5725	13
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	19	25	16	26	5870	38
	2007-2008	37	45	30	44	5956	40
	<b>2008-2009</b>	<b>16</b>	<b>27</b>	<b>12</b>	<b>27</b>	<b>5443</b>	<b>38</b>
	Cum. Total*	72	33	58	33	17269	39
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	24	32	20	33	3982	26
	2007-2008	17	21	14	21	3729	25
	<b>2008-2009</b>	<b>18</b>	<b>31</b>	<b>14</b>	<b>31</b>	<b>3556</b>	<b>25</b>
	Cum. Total*	59	27	48	28	11267	25
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	31	41	25	41	3534	23
	2007-2008	25	30	21	31	3579	24
	<b>2008-2009</b>	<b>18</b>	<b>31</b>	<b>14</b>	<b>31</b>	<b>3356</b>	<b>23</b>
	Cum. Total*	74	34	60	34	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Mathematics Total Points</b>	<b>56</b>	<b>100</b>	26.0	46.4	26.0	46.4	28.6	51.1
<b>A. Number</b>	<b>8</b>	<b>14</b>	3.2	40.0	3.2	40.0	3.7	46.3
<b>B. Data</b>	<b>16</b>	<b>29</b>	8.9	55.6	8.9	55.6	8.9	55.6
<b>C. Geometry</b>	<b>12</b>	<b>21</b>	4.2	35.0	4.2	35.0	5.0	41.7
<b>D. Algebra</b>	<b>20</b>	<b>36</b>	9.7	48.5	9.8	49.0	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



# MATHEMATICS RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Bucksport School Department  
 School: Bucksport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	59	7	12	16	27	18	31	18	31	838	45	11	27	31	31	839	14471	15	38	25	23	843
Ethnicity																						
African American/Black	0										0						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	0										0						190	8	31	26	34	836
Caucasian/White	58	6	10	16	28	18	31	18	31	838	44	9	27	32	32	838	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	14	0	0	2	14	4	29	8	57	827	10	0	10	20	70	825	2242	2	12	22	63	824
No	45	7	16	14	31	14	31	10	22	842	35	14	31	34	20	843	12229	17	42	25	16	846
Current LEP																						
Yes	1										1						336	6	18	26	51	829
No	58	6	10	16	28	18	31	18	31	838	44	9	27	32	32	838	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	22	1	5	3	14	7	32	11	50	831	18	6	17	22	56	831	5270	6	30	28	36	835
No	37	6	16	13	35	11	30	7	19	843	27	15	33	37	15	844	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	59	7	12	16	27	18	31	18	31	838	45	11	27	31	31	839	14466	15	38	25	23	843
Gender																						
Female	27	3	11	8	30	6	22	10	37	838	22	14	27	27	32	839	7070	15	39	25	22	843
Male	32	4	13	8	25	12	38	8	25	839	23	9	26	35	30	839	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	16	1	6	1	6	6	38	8	50	831	11	9	0	36	55	828	857	5	25	33	37	835
No	43	6	14	15	35	12	28	10	23	841	34	12	35	29	24	842	13614	15	38	24	22	843
Gifted/talented program																						
Yes	0										0						700	68	27	3	1	866
No	59	7	12	16	27	18	31	18	31	838	45	11	27	31	31	839	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number



# MATHEMATICS RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	3	25	7	58	1	8	1	8	852	18	13	63	13	13	849	8	8	24	24	44	833
B. less than one hour	66	4	10	8	21	13	33	14	36	836	67	13	20	33	33	838	51	12	38	26	23	842
C. one to two hours	14	0	0	1	13	4	50	3	38	830	16	0	14	43	43	829	36	19	40	23	19	845
D. more than two hours	0										0						5	19	36	22	23	844
<b>Which of the following best describes how you rate yourself as a student in mathematics?</b>																						
A. very good	27	6	40	3	20	4	27	2	13	851	30	31	23	31	15	849	28	33	41	15	11	852
B. good	43	1	4	10	42	6	25	7	29	839	37	6	38	19	38	838	45	11	43	25	21	842
C. fair	25	0	0	3	21	5	36	6	43	830	26	0	27	36	36	831	21	3	27	35	35	834
D. poor	5	0	0	0	0	2	67	1	33	831	7	0	0	67	33	831	5	2	14	30	54	828
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?</b>																						
A. The questions on the test match what I have learned in mathematics class.	36	6	29	7	33	1	5	7	33	844	36	25	25	6	44	842	28	23	41	21	15	848
B. They match some of what I have learned.	37	1	5	6	27	8	36	7	32	836	36	6	38	31	25	840	52	13	40	25	21	843
C. They match just a little of what I have learned.	24	0	0	3	21	8	57	3	21	836	24	0	18	64	18	835	16	8	28	30	34	836
D. There is no match.	3	0	0	0	0	1	50	1	50	823	4	0	0	50	50	823	4	5	15	22	58	826
<b>How difficult was the mathematics part of this test?</b>																						
A. more difficult than my regular schoolwork	36	0	0	2	10	10	48	9	43	829	41	0	11	50	39	829	32	6	34	29	32	837
B. about the same as my regular schoolwork	53	5	16	13	42	7	23	6	19	846	52	22	39	17	22	848	52	13	41	25	20	843
C. easier than my regular schoolwork	10	2	33	1	17	1	17	2	33	839	7	0	33	33	33	835	16	39	35	13	13	853
<b>How hard did you try on the mathematics part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	55	3	9	9	28	9	28	11	34	837	55	4	29	29	38	835	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	41	4	17	7	29	8	33	5	21	843	41	22	28	33	17	846	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	3	0	0	0	0	1	50	1	50	829	5	0	0	50	50	829	7	12	27	27	35	837
<b>How often do you use calculators in mathematics class?</b>																						
A. almost every day	14	1	13	4	50	0	0	3	38	841	16	14	43	0	43	840	34	18	40	22	20	845
B. two or three days a week	39	4	17	10	43	4	17	5	22	845	38	18	41	18	24	846	35	14	38	26	21	843
C. two or three times each month	25	1	7	0	0	9	60	5	33	833	27	8	0	58	33	834	18	12	37	27	24	841
D. never or almost never	22	1	8	2	15	5	38	5	38	831	20	0	22	44	33	831	13	9	32	25	34	837
<b>How often do you use laptops in mathematics class?</b>																						
A. almost every day	47	7	25	12	43	5	18	4	14	849	49	23	41	18	18	848	9	13	38	23	26	841
B. two or three days a week	22	0	0	1	8	5	38	7	54	830	20	0	11	33	56	830	17	11	37	26	26	841
C. two or three times each month	15	0	0	2	22	3	33	4	44	830	16	0	29	43	29	834	28	15	40	25	20	844
D. never or almost never	15	0	0	1	11	5	56	3	33	829	16	0	0	57	43	826	46	16	36	24	23	843
<b>How do you feel about the following statement?</b> <b>"My knowledge of mathematics will be useful to me as an adult."</b>																						
A. strongly agree	49	4	14	8	28	9	31	8	28	839	53	13	29	33	25	840	52	19	41	22	18	846
B. agree	46	3	11	7	26	8	30	9	33	838	40	11	22	28	39	838	39	11	35	27	27	840
C. disagree	3	0	0	1	50	1	50	0	0	839	4	0	50	50	0	839	6	7	28	26	39	835
D. strongly disagree	2	0	0	0	0	0	0	1	100	828	2	0	0	0	100	828	3	4	25	28	43	832
<b>Optional school/SAU question</b>																						
A.	67	0	0	0	0	1	50	1	50	819	0											
B.	33	0	0	0	0	0	0	1	100	818	100	0	0	0	100	818						
C.	0										0											
D.	0										0											

# SCIENCE RESULTS

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
<b>Exceeds the Standards</b> – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	5	8	3	7	2155	15
<b>Meets the Standards</b> – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	29	49	23	51	6687	47
<b>Partially Meets the Standards</b> – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	17	29	13	29	3672	26
<b>Does Not Meet the Standards</b> – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	8	14	6	13	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
<b>Science Total Points</b>	56	100	30.8	55.0	30.8	55.0	32.0	57.1
<b>D. The Physical Setting</b>	31	55	16.4	52.9	16.3	52.6	17.1	55.2
<b>D1/D2 Earth/Space</b>	17	30	9.3	54.7	9.2	54.1	9.4	55.3
<b>D3/D4 Matter and Energy/Force and Motion</b>	14	25	7.2	51.4	7.1	50.7	7.7	55.0
<b>E. The Living Environment</b>	25	45	14.4	57.6	14.5	58.0	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:  
<http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting  
D1 - Universe and Solar System  
D2 - Earth  
D3 - Matter and Energy  
D4 - Force and Motion

Content Standard E. The Living Environment  
E1 - Biodiversity  
E2 - Ecosystems  
E3 - Cells  
E4 - Heredity and Reproduction  
E5 - Evolution

# SCIENCE RESULTS

## (CONTINUED)

Test Date: March 2009  
 Grade: 8  
 SAU: Bucksport School Department  
 School: Bucksport Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
<b>All Students</b>	59	5	8	29	49	17	29	8	14	844	45	7	51	29	13	844	14263	15	47	26	12	846
<b>Ethnicity</b>																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	0										0						184	9	45	29	16	842
Caucasian/White	58	4	7	29	50	17	29	8	14	844	44	5	52	30	14	844	13375	15	47	25	12	846
Not Reported	0										0						0					
<b>Identified disability</b>																						
Yes	14	0	0	4	29	4	29	6	43	832	10	0	30	20	50	831	2221	3	22	36	38	832
No	45	5	11	25	56	13	29	2	4	848	35	9	57	31	3	848	12042	17	51	24	7	848
<b>Current LEP</b>																						
Yes	1										1						331	4	20	39	37	832
No	58	4	7	29	50	17	29	8	14	844	44	5	52	30	14	844	13932	15	48	25	12	846
<b>Economically disadvantaged</b>																						
Yes	22	1	5	7	32	10	45	4	18	839	18	6	33	39	22	838	5184	6	40	33	21	840
No	37	4	11	22	59	7	19	4	11	847	27	7	63	22	7	848	9079	20	51	21	8	849
<b>Migrant</b>																						
Yes	0										0						5	0	0	80	20	829
No	59	5	8	29	49	17	29	8	14	844	45	7	51	29	13	844	14258	15	47	26	12	846
<b>Gender</b>																						
Female	27	1	4	14	52	9	33	3	11	842	22	5	50	36	9	843	6953	14	47	28	11	846
Male	32	4	13	15	47	8	25	5	16	846	23	9	52	22	17	845	7310	16	46	24	13	846
Not Reported	0										0						0					
<b>Title 1A targeted program</b>																						
Yes	16	1	6	3	19	10	63	2	13	837	11	9	9	73	9	837	828	5	35	40	20	839
No	43	4	9	26	60	7	16	6	14	847	34	6	65	15	15	846	13435	16	48	25	12	846
<b>Gifted/talented program</b>																						
Yes	0										0						699	65	34	2	0	865
No	59	5	8	29	49	17	29	8	14	844	45	7	51	29	13	844	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

# SCIENCE RESULTS

## (QUESTIONNAIRE ITEMS)

Test Date: March 2009  
Grade: 8  
SAU: Bucksport School Department  
School: Bucksport Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
<b>How much homework do you do on school nights?</b>																						
A. none	20	2	17	8	67	1	8	1	8	852	18	0	75	13	13	846	8	8	34	28	30	837
B. less than one hour	66	3	8	18	46	11	28	7	18	842	67	10	47	27	17	844	51	14	48	27	11	846
C. one to two hours	14	0	0	3	38	5	63	0	0	840	16	0	43	57	0	840	36	19	48	24	9	848
D. more than two hours	0										0						5	17	49	20	14	847
<b>Which of the following best describes how you rate yourself as a student in science?</b>																						
A. very good	32	5	26	10	53	2	11	2	11	852	36	19	56	13	13	849	23	27	47	17	8	851
B. good	49	0	0	14	48	9	31	6	21	840	44	0	50	30	20	841	53	15	50	26	10	847
C. fair	17	0	0	5	50	5	50	0	0	843	18	0	50	50	0	843	20	4	43	35	18	840
D. poor	2	0	0	0	0	1	100	0	0	838	2	0	0	100	0	838	4	4	27	34	35	834
<b>How well do the questions that you have just been given on this MEA test match what you have learned in school about science?</b>																						
A. The questions on the test match what I have learned in science class.	24	1	7	7	50	4	29	2	14	843	24	9	45	27	18	843	26	20	49	23	9	849
B. They match some of what I have learned.	54	2	6	17	53	9	28	4	13	844	51	4	61	26	9	846	51	14	48	26	11	846
C. They match just a little of what I have learned.	20	2	17	5	42	3	25	2	17	846	22	10	40	30	20	843	18	13	44	28	15	844
D. There is no match.	2	0	0	0	0	1	100	0	0	830	2	0	0	100	0	830	4	5	33	30	32	836
<b>How difficult was the science part of this test?</b>																						
A. more difficult than my regular schoolwork	22	1	8	6	46	4	31	2	15	844	27	8	42	33	17	844	32	13	45	28	14	844
B. about the same as my regular schoolwork	68	3	8	19	48	12	30	6	15	842	62	7	50	29	14	843	56	15	49	25	11	847
C. easier than my regular schoolwork	10	1	17	4	67	1	17	0	0	855	11	0	80	20	0	850	11	21	43	22	13	847
<b>How hard did you try on the science part of this test?</b>																						
A. I tried harder on this test than I do on my regular schoolwork.	43	0	0	12	48	10	40	3	12	842	48	0	43	43	14	842	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	50	5	17	16	55	5	17	3	10	847	45	15	65	15	5	848	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	7	0	0	0	0	2	50	2	50	828	7	0	0	33	67	824	6	8	36	29	26	839
<b>Which courses do you plan to take before you graduate from high school?</b>																						
A. earth and space science and/or biology	27	1	6	9	56	3	19	3	19	841	24	9	64	9	18	845	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	19	1	9	5	45	3	27	2	18	843	20	11	44	33	11	846	23	17	49	22	12	847
C. the course(s) described in B, plus physics	14	3	38	3	38	1	13	1	13	855	11	20	60	0	20	849	21	31	44	17	7	852
D. a life science and physical science class	41	0	0	12	50	10	42	2	8	843	44	0	45	45	10	841	30	7	46	32	14	842
<b>How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."</b>																						
A. strongly agree	27	3	19	7	44	4	25	2	13	849	29	8	54	23	15	845	27	23	47	20	10	849
B. agree	42	2	8	11	44	8	32	4	16	843	38	12	41	29	18	844	37	14	47	27	12	846
C. disagree	22	0	0	10	77	2	15	1	8	844	22	0	80	20	0	847	25	11	48	29	12	845
D. strongly disagree	8	0	0	1	20	3	60	1	20	834	11	0	20	60	20	834	11	9	44	31	17	842
<b>How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."</b>																						
A. strongly agree	32	2	11	9	47	6	32	2	11	843	29	8	54	31	8	844	31	22	46	22	10	849
B. agree	51	2	7	17	57	8	27	3	10	846	58	8	54	27	12	846	50	14	49	26	11	846
C. disagree	14	1	13	3	38	2	25	2	25	842	9	0	50	25	25	841	14	9	45	31	15	843
D. strongly disagree	3	0	0	0	0	1	50	1	50	826	4	0	0	50	50	826	5	3	38	34	25	837
<b>Optional school/SAU question</b>																						
A.	67	0	0	0	0	1	50	1	50	825	0											
B.	33	0	0	0	0	0	0	1	100	820	100	0	0	0	100	820						
C.	0										0											
D.	0										0											

E = Exceeds the Standards   M = Meets the Standards   P = Partially Meets the Standards   D = Does Not Meet the Standards  
N = Number